

**WHAT IS CLAIMED IS:**

1        1.     A method of establishing an interface between a service and an application  
2 comprising:  
3            providing a framework, the framework interfacing directly to the service and the  
4            framework directly interfacing to the application;  
5            registering the service with the framework; and  
6            providing service information from the framework to the application.

1        2.     The method of establishing an interface between a service and an application  
2 of claim 1 further comprising:  
3            providing a configuration file from the service to the framework.

1        3.     The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file is written in an extensible markup language.

1        4.     The method of establishing an interface between a service and an application  
2 of claim 2 wherein the framework processes the configuration file as part of the registering of  
3 the service.

1        5.     The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1        6.     The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file further comprises:

3            predefined user interfaces;  
4            a list of target applications that are supported;  
5            a list of transformations that are supported; and  
6            a list of application specific handlers.

1        7.     The method of establishing an interface between a service and an application  
2 of claim 6 wherein the configuration file is written in an extensible markup language.

1        8.     The method of establishing an interface between a service and an application  
2 of claim 6 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1        9.     A system of establishing an interface between a service and an application  
2 comprised of:  
3              a framework interfacing directly to the service and the application, wherein the  
4              framework  
5              registers the service, and  
6              provides service information to the application.

1        10.    The system of establishing an interface between a service and an application  
2 of claim 9 wherein the service provides a configuration file to the framework.

1        11.    The system of establishing an interface between a service and an application  
2 of claim 10 wherein the configuration file is written in an extensible markup language.

1        12.    The system of establishing an interface between a service and an application  
2 of claim 10 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1        13.    The system of establishing an interface between a service and an application  
2 of claim 10 wherein the framework processes the configuration file as part of the registering  
3 of the service.

1        14.    The system of establishing an interface between a service and an application  
2 of claim 10 wherein the service provides a configuration file to the framework, wherein the  
3 configuration file further comprises of:

- 4              predefined user interfaces;
- 5              a list of target applications that are supported;
- 6              a list of transformations that are supported; and
- 7              a list of application specific handlers.

1           15. The system of establishing an interface between a service and an  
2           application of claim 14 wherein the configuration file is written in an extensible  
3           markup language.

1           16. The system of establishing an interface between a service and an  
2           application of claim 14 wherein the configuration file is further comprised of  
3           extensible style-sheet markup language transformation files.

1           17. A computer system comprising:  
2           a processor;  
3           a computer;  
4           computer readable medium coupled to the processor; and  
5           computer code encoded in the computer readable medium, configured to cause the  
6           processor to:  
7           providing a framework, the framework interfaced directly to a service and the  
8           framework directly interfacing to an application;  
9           registering the service to the framework; and  
10           providing service information from the framework to the application.

1           18. The computer system of claim 17 wherein the computer code is further  
2           configured to cause the processor to:  
3           provide a configuration file from the service to the framework.

1           19. The computer system of claim 18 wherein the configuration file is written in  
2           an extensible markup language.

1           20. The computer system of claim 18 wherein the framework process the  
2           configuration file as part of registering the service.

1           21. The computer system of claim 18 wherein the configuration file is further  
2           comprised of extensible style-sheet markup language transformation files.

1        22. The computer system of claim 18 wherein the configuration file further  
2 comprises:

3        predefined user interfaces;  
4        a list of target applications that are supported;  
5        a list of transformations that are supported; and  
6        a list of application specific handlers.

1        23. The computer system of claim 18 wherein the configuration file is written in  
2 an extensible markup language.

1        24. The computer system of claim 18 wherein the configuration file is further  
2 comprised of extensible style-sheet markup language transformation files.

1        25. An apparatus for establishing an interface between a service and an  
2 application comprising:  
3        means for providing a framework, the framework interfacing directly to the service  
4        and the framework directly interfacing to the application;  
5        means for registering the service with the framework; and  
6        means for providing service information from the framework to the application.

1        26. The apparatus of claim 25 further comprising:  
2        means for providing a configuration file from the service to the framework.

1        27. The apparatus of claim 26 wherein  
2        the configuration file is written in an extensible markup language.

1        28. The apparatus of claim 26 wherein  
2        the framework processes the configuration file as part of the means for registering the  
3        service with the framework.

1        29. The apparatus of claim 26 wherein  
2        the configuration file is further comprised of extensible style-sheet markup language  
3        transformation files.

1        30.    The apparatus of claim 26 wherein the configuration file further comprises:  
2        predefined user interfaces;  
3        a list of target applications that are supported;  
4        a list of transformations that are supported; and  
5        a list of application specific handlers.

1        31.    The apparatus of claim 26 wherein the configuration file is written in an  
2        extensible markup language.

1        32.    The apparatus of claim 26 wherein the configuration file is further comprised  
2        of extensible style-sheet markup language transformation files.

1        33.    A computer program product encoded in computer readable media, the  
2        computer program product comprising:  
3            a first set of instructions, executable on a computer system, configured to provide a  
4            framework, the framework interfacing directly to the service and the  
5            framework directly interfacing to the application;  
6            a second set of instructions, executable on the computer system, configured to register  
7            the service with the framework; and  
8            a third set of instructions, executable on the computer system, configured to provide  
9            service information from the framework to the application.

1        34.    The computer program product of claim 33 further comprising:  
2            a fourth set of instructions, executable on the computer system, configured to  
3            provide a configuration file from the service to the framework.

1        35.    The computer program product of claim 34 wherein the configuration file is  
2        written in an extensible markup language.

1        36.    The computer program product of claim 34 wherein the framework processes  
2        the configuration file as part of the second set of instructions.

1           37. The computer program product of claim 34 wherein the configuration file is  
2 further comprised of extensible style-sheet markup language transformation files.

1           38. The computer program product of claim 34 wherein the configuration file  
2 further comprises of:

3            predefined user interfaces;  
4            a list of target applications that are supported;  
5            a list of transformations that are supported; and  
6            a list of application specific handlers.

1           39. The computer program product of claim 38 wherein the configuration file is  
2 written in an extensible markup language.

1           40. The computer program product of claim 38 wherein the configuration file is  
2 further comprised of:

3            extensible style-sheet markup language transformation files.